

Transforming Marine Corps C4

Command Element

Advocacy Board

6 August, 2003

***BGen John R. Thomas
CIO / Director C4
United States Marine
Corps***





Agenda

- **C4 OAG**

- MARCENT/I MEF OIF Issues
- Spectrum MOS Discussion
- ELMR
- POM 06 Prep.
- DMS Update
- NMCI Update

- **C4 Campaign Plan**

- Enterprise Solutions
- Digital Roadmap
- Training Transformation

- **NMCI Update**



C4 OAG (VTC)

(30 MAY 2003)



- **Focused on MARCENT / I MEF OIF Issues**
 - **Planning MARCENT/ I MEF C4 OIF After Action Conf.**
- **Spectrum MOS Discussion**
- **E-LMR Update**
- **POM 06 Preparation**
- **DMS Update**



C4 OAG (VTC)

(30 MAY 2003)



- **Issue:** MARCENT / I MEF OIF Issues
- **Status/Discussion:** MARCENT & I MEF G6's provided overview of OIF C4 After Action Items. Topics discussed ranged from the need for DISA Global CONOPS for network configuration management to MSC and below level issues. All I MEF MSC G6's were in attendance. All MARFOR and MEF G6s participated in this VTC discussion.
- **Actions:** C4 After Action Conference Scheduled to capture all MAGTF C4 issues and develop a plan to address these issues. Tentatively Schedule for second week October at Camp Pendleton.



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C4 OAG (VTC)

(30 MAY 2003)



- **Issue:** Spectrum MOS Discussion

- **Status/Discussion:**

- MFL G6 Proposed making Spectrum Management (0648) a Primary MOS.

- C4 & Manpower determined Spectrum Management field too small for career progression.

- C4 developed a plan for improving the Spectrum Management support (CMC Washington DC C4 Message (DTG 171226Z Apr 03))

- All C4 OAG participants concurred with way ahead.

- **Actions:** In accord with plan-

- Increase school seats from 9 to 12,

- Enter Diary Entry for all Marines completing Spectrum Course,

- Submit TOCR to redesignate 0629 billets to 0648 on unit T/O's,

- Select 0625 warrant officers on Fv04 board. Use skill



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C4 OAG (VTC)

(30 MAY 2003)



- **Issue:** E-LMR Update
- **Status/Discussion:** Provided update on plan for ELMR infrastructure upgrades on East/West Coast & Okinawa.
- **Actions:** Add ELMR to the CE Advocate Requirements List (ARL). Complete the Pendleton and Quantico base infrastructure Upgrades. Field Mobile Trunking systems to Pendleton and Lejeune.



Link to ELMR Slide



C4 OAG (VTC)

(30 MAY 2003)



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C4 OAG (VTC)

(30 MAY 2003)



- **Issue:** POM 06 Preparation
- **Status/Discussion:** Reviewed C4 programs requiring funding. Address the OIF C4 capability gaps. Programs must enable EMW capabilities.
- **Actions:** Ensure C4 programs are listed in the CE Advocate Requirements List (ARL). Link programs to EMW capability.



Link to Programs Slide



C4 OAG (VTC)

(30 MAY 2003)



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- **DMS Update**



C4 OAG (VTC)

(30 MAY 2003)



- **Issue:** DMS Update
- **Status/Discussion:**
 - Strategic - USMC has implemented DMS Version 3.0 throughout the MCEN (100% Complete) OSD Mandated Directory Security Enhancements will be implemented by 31 Oct 2003.
 - Tactical - Tactical DMS Suite - Two transit cases with four dell laptops. USMC will complete fielding by 30 Sep 2003
 - AUTODIN Closure - USMC has met all AUTODIN Closure Milestones
 - Local Control Centers are being consolidated from 20 to 5 Area Control Centers and 4 Local Control Centers
- **Actions:** Implement a Proxy Domain Solution that will Web Enable Messaging and remove forteterra from the



C4 OAG (VTC)

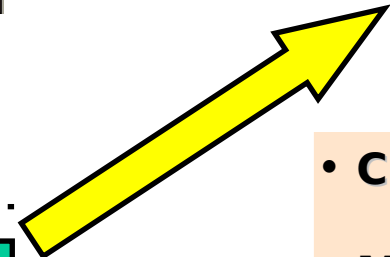
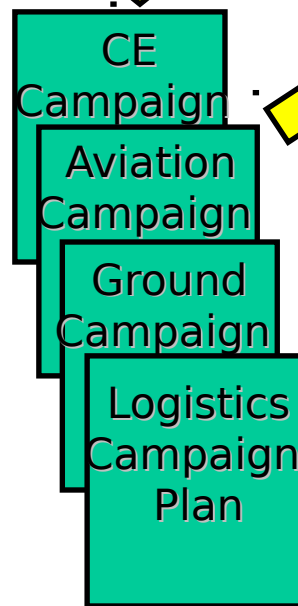
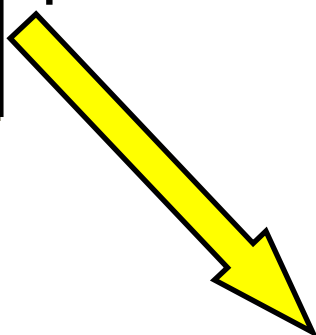
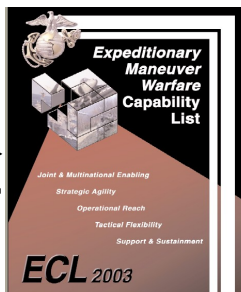
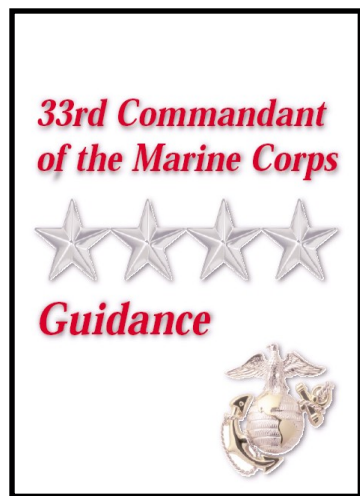
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C4 Campaign Plan



- CMC & ADVOCATE VISION
- MAGTF FOCUS
- SUPPORT ECL
- BRIDGE THE DIGITAL DIVIDE
- STRATEGY TO BUILD TRANSFORMATIONAL COMBAT ARCHITECTURE (TCA)



C4 Campaign Plan

- **Enterprise Solutions**
- **Digital Roadmap**
- **Training Transformation**



NMCI Transition

- **Assumption of Responsibility (AOR) by EDS began 24 March 03**
 - 24,459 seats presently AOR'ed
 - 14 of 29 Major sites (>100 seats) have AOR'ed
- **First NMCI seat cutovers scheduled to begin in NCR Sept 03**
- **Marine Corps funded for 89,410 seats (baseline for classified & unclassified)**



NMCI Transition (con't)



- **Current NMCI requirement is more than 100k seats (demand exceeds budget)**
- **MROC (03 Jun) directed C4 to develop and implement NMCI Requirements Validation Process**
- **Validation Process supports Commanders' ability to identify and prioritize NMCI support requirements.**



**EXPEDITIONARY BY
CULTURE**



Questions ?



TRANSFORMATIONAL BY DESIGN



BACK-UP





C4 Campaign Plan Enterprise Solutions



- **Marine Corps IT Enterprise Services**
 - **Portal**
 - **Enterprise Shared Data Environment**
 - **Data Centers**



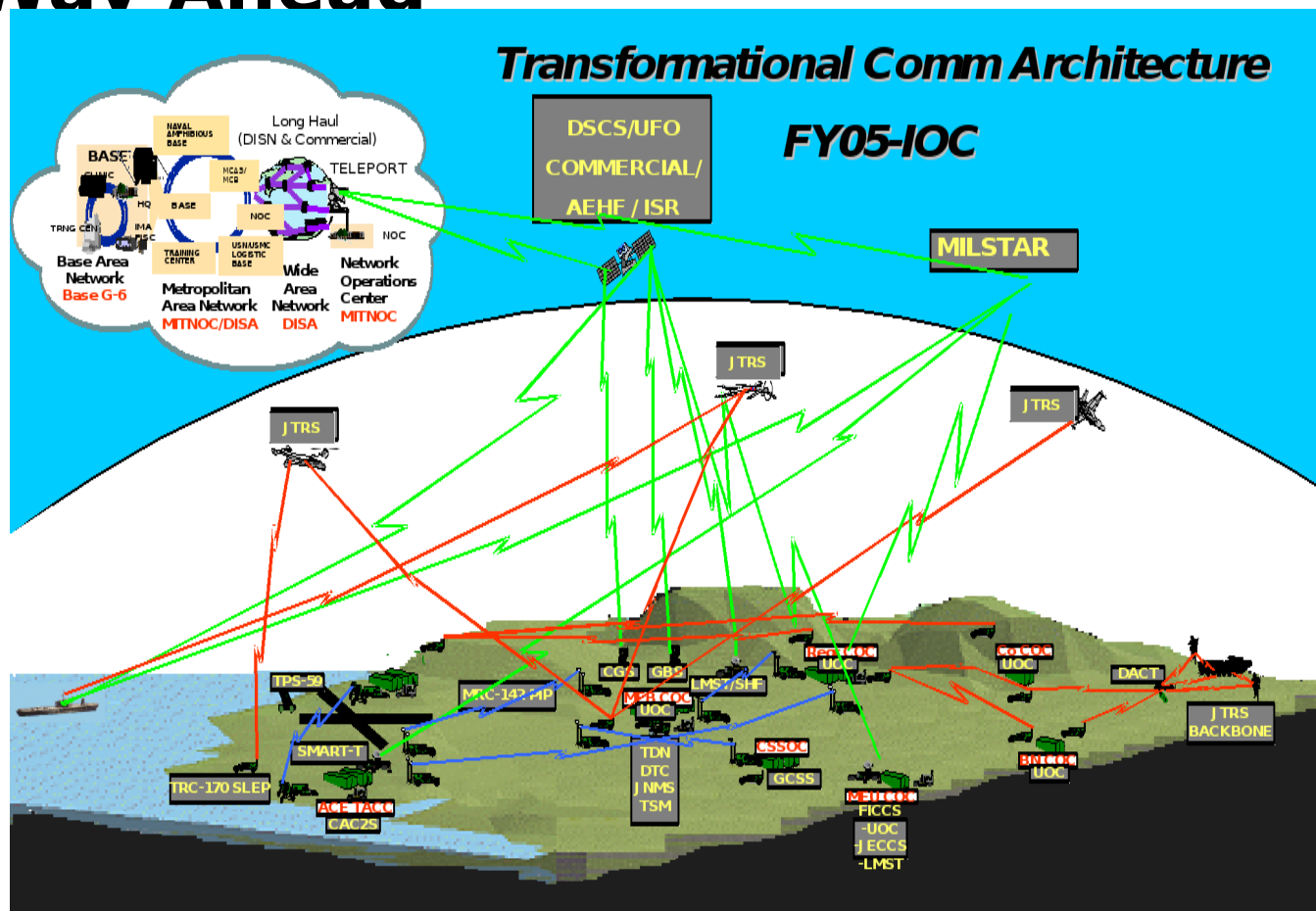


C4 Campaign Plan Digital Road Map

• Wideband Way Ahead

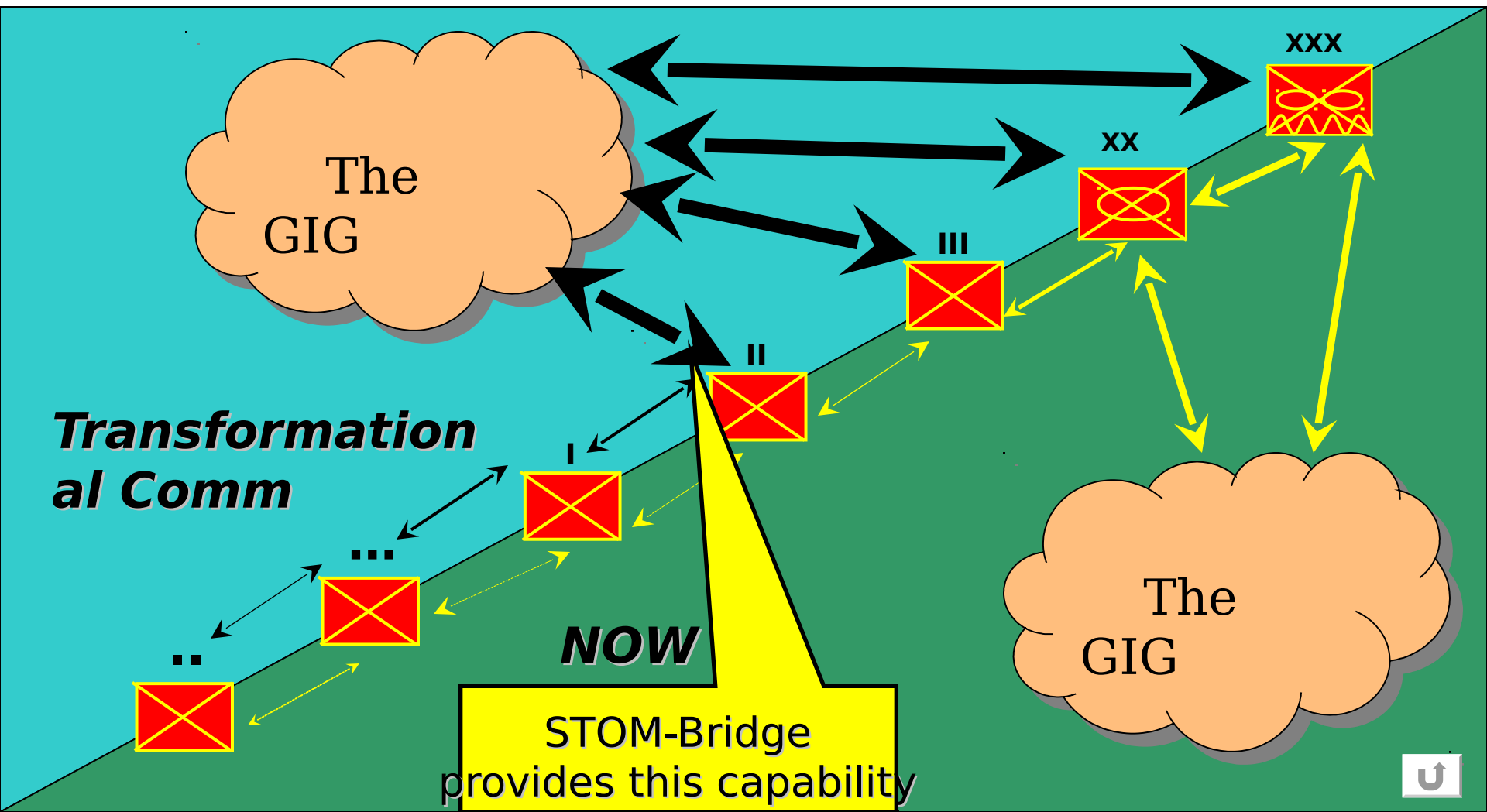
- JTRS

- TCA





Transformational Comm Information Flows





C4 Campaign Plan Training Transformation



- **Lessons Learned - OIF/OEF**

- **Training COE**

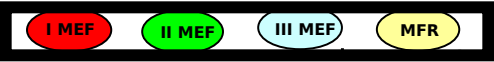
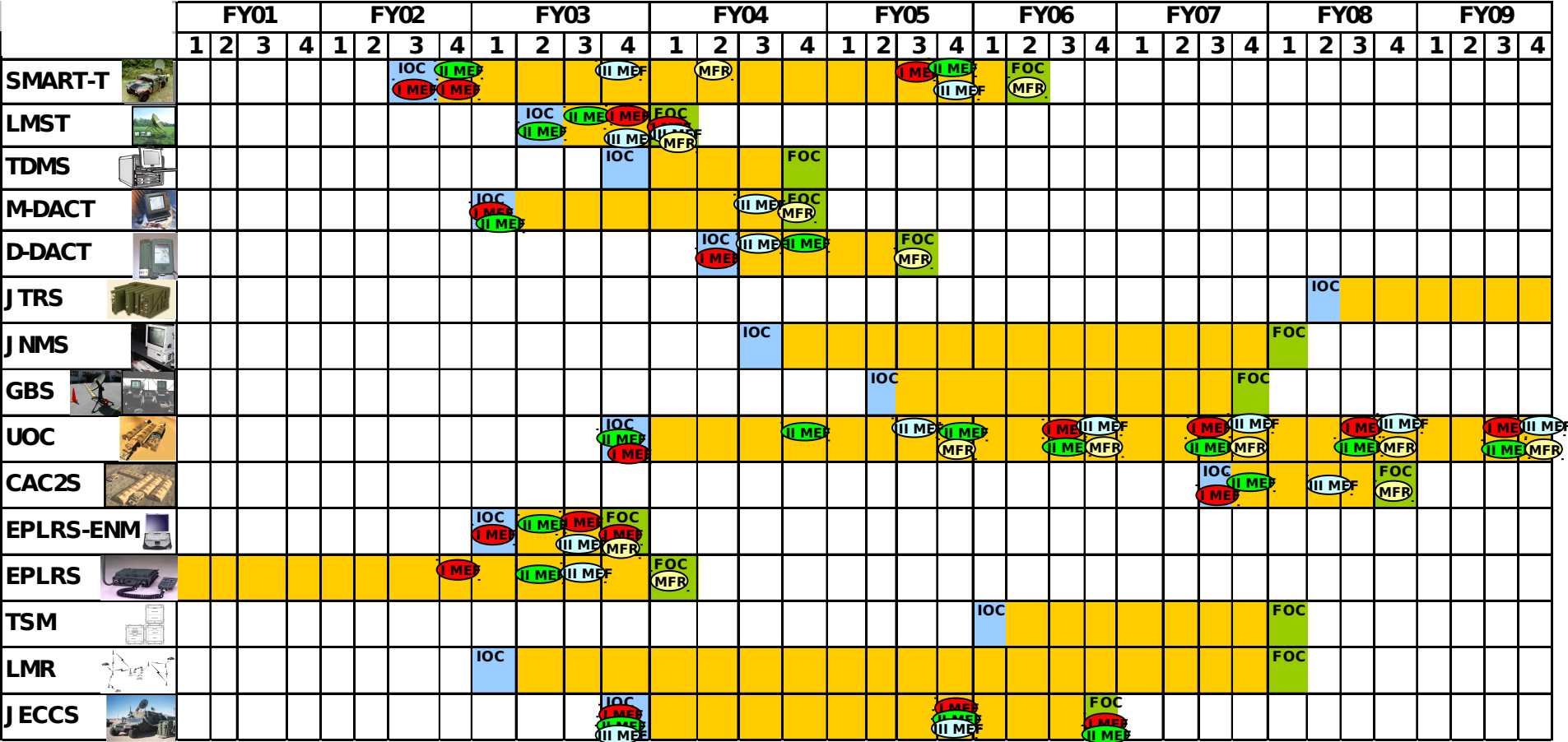
- **Leveraging**

- **NPS**
- **AFIT**
- **Distance Learning**





USMC DIGITAL ROADMAP





Center of Excellence (COE) Update



- **TECOM's letter establishing the C4 T&E COE**
- **Pre-COE planning is ongoing**
 - CISCC and C4 Planners Course Combination.
 - NCO and SNCO Sustainment Training
 - Core and Core Plus Training
- **Drafting the C4 Strategic Training Directive**
 - Shift of focus from entry level to career level training
 - Focus on the training continuum



Center of Excellence (COE) Update (cont.)



- **C4 establishing COE Liaison Team**
 - LtCol and MGySgt
 - August 2003
- **C4 submitted a Training and Structure Study recommendation to the USMC Study Board.**



Marine Corps Enterprise IT Services



Purpose and Benefits: Exploit technology and available resources to foster common situational awareness, alleviate the IT burden on Commanders, increase efficiency, improve effectiveness, & support achievement of Information Superiority.

- Supports CMC Vision
- Addresses OIF AAR concerns/issues

Key Components:

- Portal Technology
- Enterprise Shared Data Environment
- Data Centers

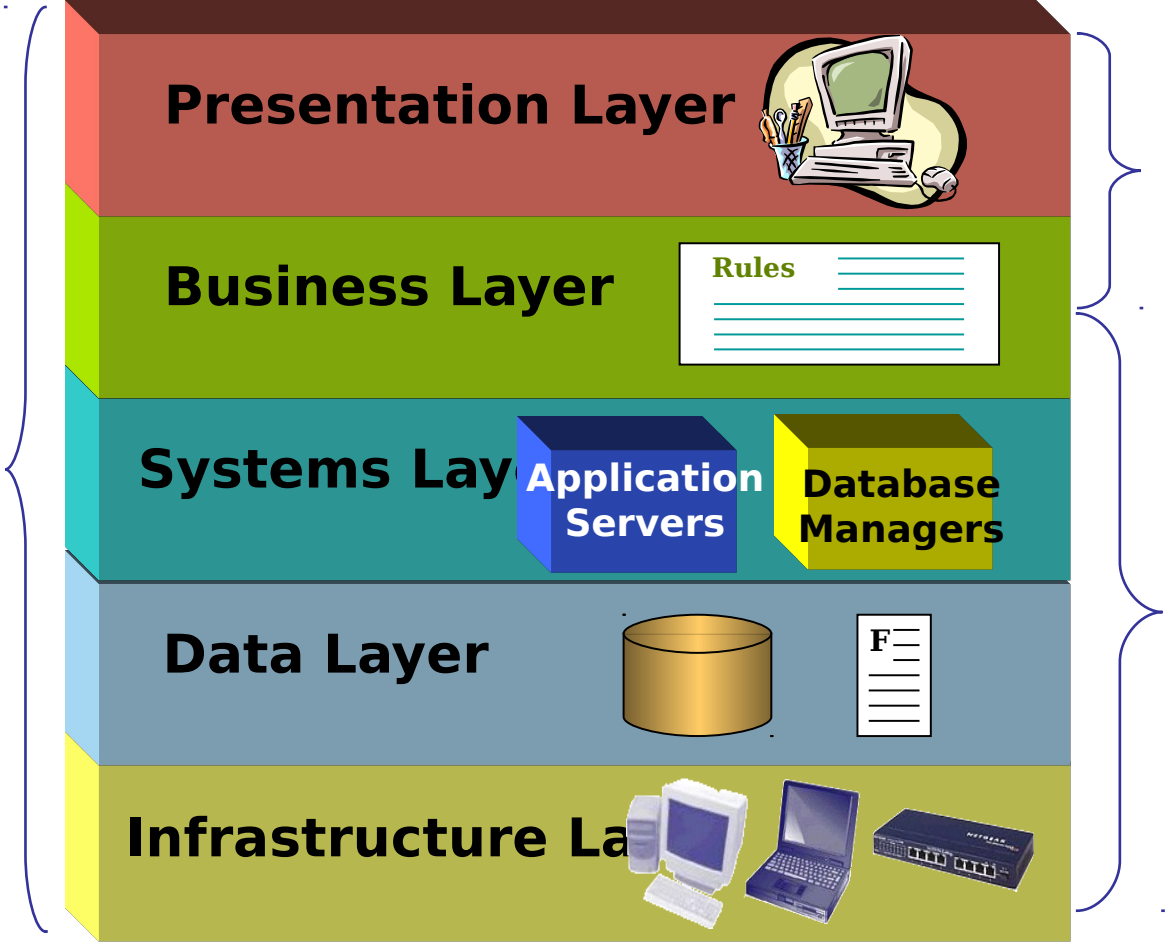


Marine Corps Enterprise IT Services



Enterprise Data Centers

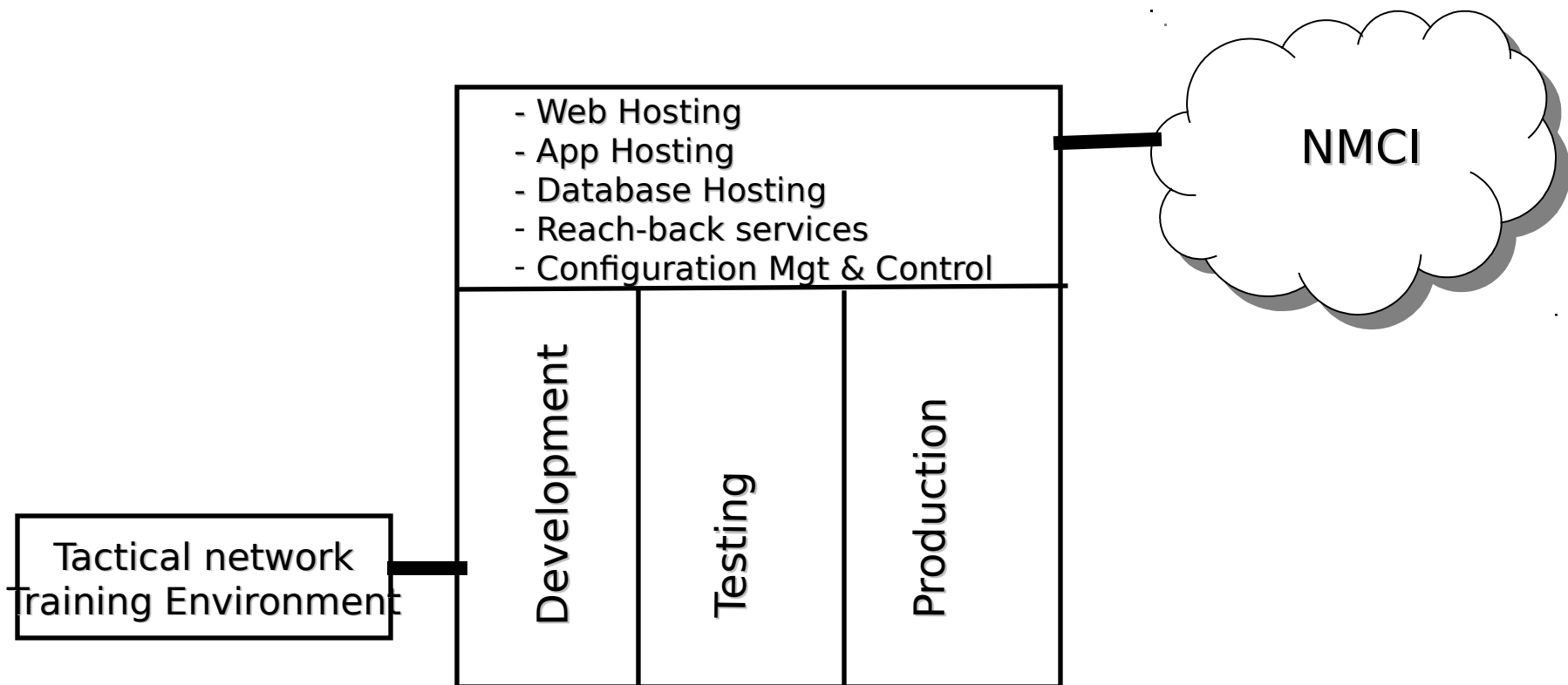
Physical consolidation & housing





Marine Corps Enterprise IT Services

Data Center Environment. Centralization of application, web, and database hosting to maximize the use of limited resources, streamline IT management processes, and expedite the establishment of a shared data environment.





Marine Corps Installation E-LMR

- Seamless roaming to all sites
- Means to establish priority during emergency communications
- Develop expandable system
- Data transmission capable

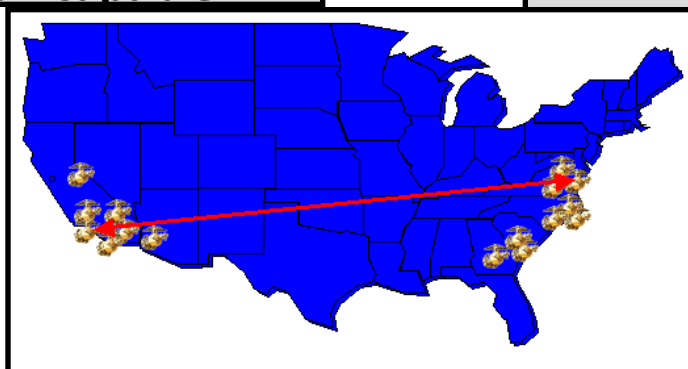
Commercial

-Enterprise Land Mobile Radio (E-LMR)

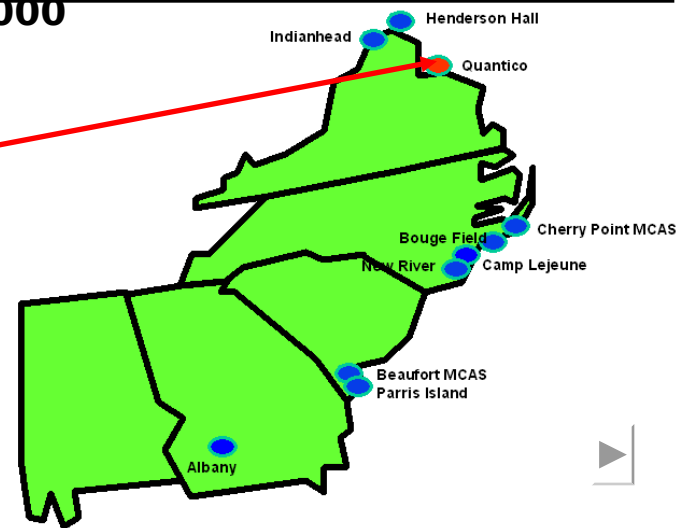
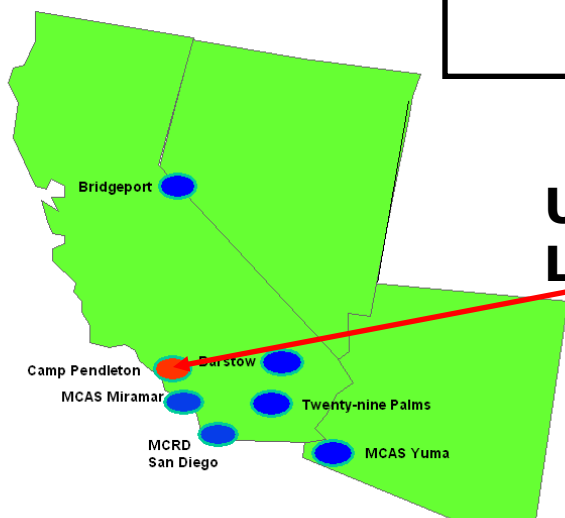
Tactical

-AN/PRC-148

- Type 1 Encryption
- 30-512 MHz Tuning Range
- SINGARS, HAVEQUICK, Non-DAMA SATCOM
- Currently being fielded to Marine Corps Operating Forces
- Current AAO - Approximately 5000

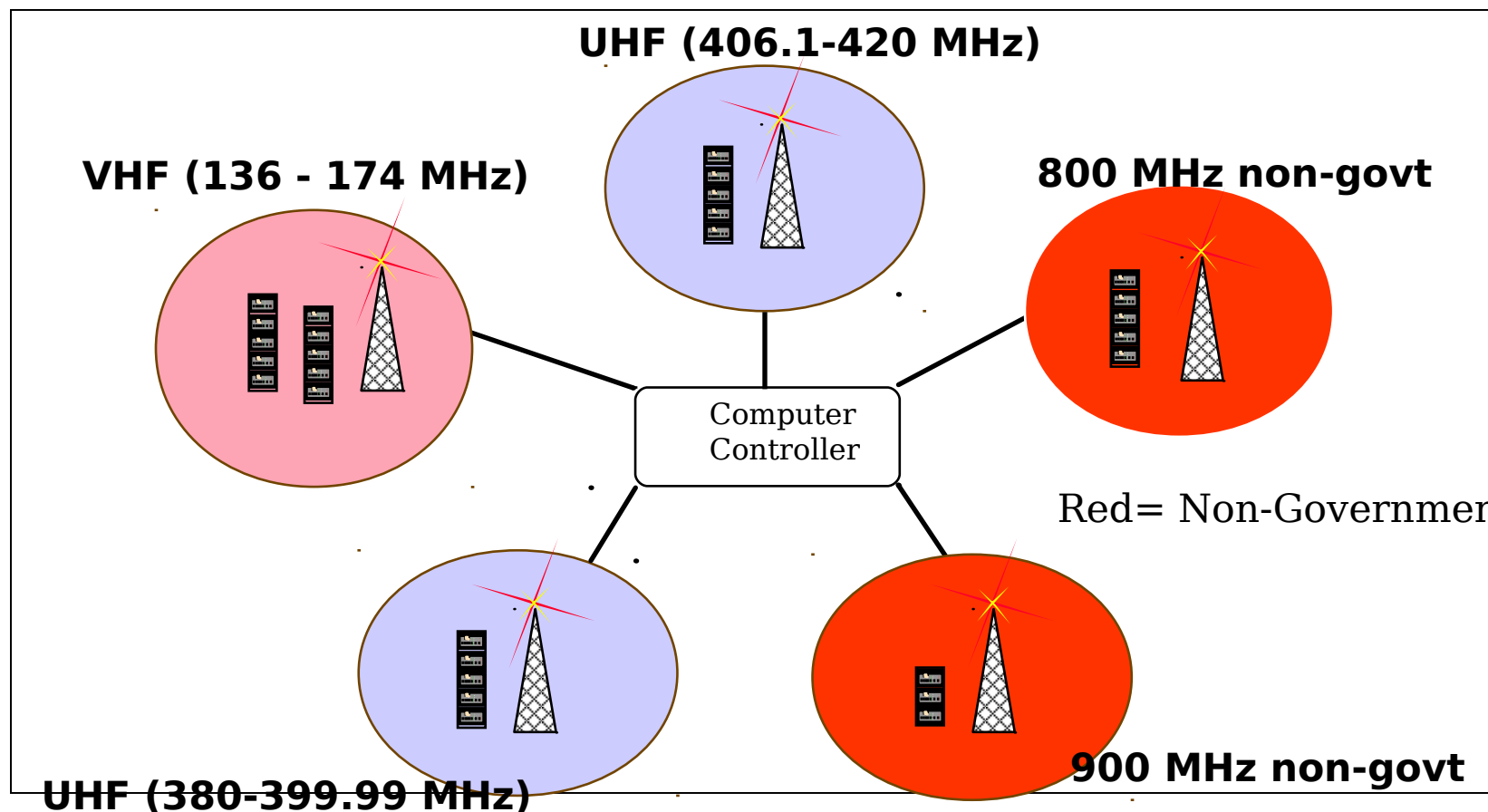


USMC East/West Coast Link





Interoperability Requirements





NMCI: Other Issues In Work

- **Transition of classified seats to NMCI**
- **OCONUS**
- **Support for deployable forces**
- **USMC EMF/NOC**
- **Potential FY04 Congressional mark (\$160M)**
- **MACs**
- **DISN costs**
- **Other unfunded requirements**

